

Recovery Plan Action Status

Plan Name: Dudley Bluffs Bladderpod/Twinpod (2 spp.)

Plan Status: Final

Plan Date: 13-Aug-93

Lead Agency: USFWS

Lead Office: Western Colorado Ecological Services Field Office

(970)

243-2778)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	3	0	Revise the recovery plan	Partially Complete	FY 2009	FY 2013	U.S. Fish and Wildlife Service, Bureau Land Management , Colorado Natural Areas Program	Other: Regulations	Labor type not yet selected	A draft of the draft recovery plan is going through the review process.
Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	3	1	Inventory habitat	Ongoing Current	Prior to FY 1995		Bureau Land Management , Colorado Natural Areas Program	Research: Population Surveys	Internal Field Assistance	Depending on source of funding. BLM costs = 1K. CNAP costs = 1K. A general habitat model was developed in 2006. This model was updated and ground-truthed in 2011. Further revisions are expected. Project specific surveys continue.
Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	1	211	Establish Areas of Critical Environmental Concern	Partially Complete	Prior to FY 1995		Bureau Land Management	Management: Planning	Labor type not yet selected	BLM Ryan Gulch and Duck Creek ACECs established 7/1997, however Yellow Creek populations (both species) sill have not been designated as ACEC. Yanks Gulch and Duck Creek ACECs should also be expanded to include the portions of the populations outside the boundaries.

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Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	2	212	Develop Habitat Management Plans	Not Started			Bureau Land Management , USFWS Regional Office 6 - Denver, U.S. Fish and Wildlife Service, Office of Endangered Species, Colorado Natural Areas Program	Management: Planning	Labor type not yet selected	BLM SE costs = 1K/year. BLM costs = 5K/year. CNAP costs = 0.5K/year.
Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	2	213	Assign No Surface Occupancy Stipulations	Ongoing Current	Prior to FY 1995		Bureau Land Management	Management: Planning	Labor type not yet selected	BLM. NSO stipulations exist for new oil and gas leases since the last RMP revision in 1997. These stipulations do not apply to oil and gas leases that predate the revision..
Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	3	214	Review mining claims	Complete	FY 2009	FY 2009	Bureau Land Management	Other: Information and Education	Labor type not yet selected	checked with BLM, no mining claims in area.
Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	1	215	Assign off-highway vehicle restrictions	Ongoing Current	Prior to FY 1995		Bureau Land Management , USFWS Regional Office 6 - Denver, U.S. Fish and Wildlife Service, Office of Endangered Species	Management: Planning	Labor type not yet selected	Travel Mgt planning has been completed for some select areas, but BLM is just starting Travel Mgt Planning for remainder of field office. SE costs = 1K/year. BLM costs = 2K/year.
Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	2	216	Conduct project clearances	Ongoing Current	Prior to FY 1995		Bureau Land Management , USFWS Regional Office 6 - Denver, U.S. Fish and Wildlife Service, Office of Endangered Species	Work type not yet selected	Labor type not yet selected	Costs incurred as projects arise

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Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	2	22	Protect habitat on private land	Partially Complete	FY 2007		The Nature Conservancy, Bureau Land Management	Acquisition: Easement	Labor type not yet selected	Conservation easement on Shell land in Duck Creek 5/22/07, Colorado Natural Area agreement in process of designation. More easements/ natural area agreements would be helpful on other pvt lands Real Estate costs for conservation easements are not determined
Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	3	23	Develop coop agreement with Colorado Division of Wildlife	Not Started			Colorado Division of Wildlife, USFWS Regional Office 6 - Denver, U.S. Fish and Wildlife Service, Office of Endangered Species	Management: Planning	Labor type not yet selected	SE costs = 1K. CDOW costs = 2K.
Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	3	31	Conduct soil analysis	Partially Complete			USFWS Regional Office 6 - Denver, U.S. Fish and Wildlife Service, Office of Endangered Species	Research: Habitat Requirements	Labor type not yet selected	Exxon did a soil study comparing occupied to unoccupied sites. Some small differences were found but nothing that is particularly useful for testing soils for species' potential. A private laboratory is involved with this action. All costs are SE.

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Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	2	32	Conduct life history studies	Partially Complete	FY 2009		U.S. Department of Agriculture, The Nature Conservancy, Center for Plant Conservation, USFWS Regional Office 6 - Denver, U.S. Fish and Wildlife Service, Office of Endangered Species	Research: Genetics	Labor type not yet selected	USFWS \$53k toward genetics study 2009-10. Will look at genetics between populations. Life History monitoring is needed. Partial funding for doctoral student. SE costs: FY1 = 1K, FY2&3 = 10K/year. CPC costs = 4K/year for FY2&3. TNC costs = 2.5K/year for FY2&3. No costs associated with the USDA.
Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	2	33	Monitor population	Ongoing Current	Prior to FY 1995		Bureau Land Management , Colorado Natural Areas Program	Work type not yet selected	Labor type not yet selected	The Colorado Natural Areas Program monitors at several sites. The BLM also has a few monitoring sites that are occasionally monitored. Some sites show downward trends and some show upward trends. None of the monitoring has been done consistently enough or for a long enough period to adequately determine trends. BLM costs = 1K/year. CNAP costs = 1K/year.
Dudley Bluffs bladderpod (Lesquerella congesta), Dudley Bluffs twinpod (Physaria obcordata)	2	4	Evaluate future activities	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Bureau Land Management , Colorado Natural Areas Program	Research: Other Information	Labor type not yet selected	The USFWS, CNAP, and BLM have partnered to examine the effects of dispersed development to the plants, their associated plant communities, and their pollinators. Costs to be determined.